

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/563,045
Source: IFWP
Date Processed by STIC: 08/04/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/04/2006

PATENT APPLICATION: US/10/563,045

TIME: 13:01:23

Input Set : E:\INN-133-seq-list-replace.ST25.txt

Output Set: N:\CRF4\08042006\J563045.raw

```

3 <110> APPLICANT: Moretta, Alessandro
4      Della Chiesa, Mariella
6 <120> TITLE OF INVENTION: Compositions and Methods for Regulating NK Cell Activity
8 <130> FILE REFERENCE: INN-133
10 <140> CURRENT APPLICATION NUMBER: US 10/563,045
11 <141> CURRENT FILING DATE: 2005-12-30
13 <150> PRIOR APPLICATION NUMBER: US 60/483,894
14 <151> PRIOR FILING DATE: 2003-07-02
16 <150> PRIOR APPLICATION NUMBER: US 60/545,471
17 <151> PRIOR FILING DATE: 2004-02-19
19 <160> NUMBER OF SEQ ID NOS: 18
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 128
25 <212> TYPE: PRT
26 <213> ORGANISM: Mus musculus
28 <400> SEQUENCE: 1
30 Met Glu Ser Gln Thr Leu Val Phe Ile Ser Ile Leu Leu Trp Leu Tyr
31 1          5          10          15
34 Gly Ala Asp Gly Asn Ile Val Met Thr Gln Ser Pro Lys Ser Met Ser
35          20          25          30
38 Met Ser Val Gly Glu Arg Val Thr Leu Thr Cys Lys Ala Ser Glu Asn
39          35          40          45
42 Val Val Thr Tyr Val Ser Trp Tyr Gln Gln Lys Pro Glu Gln Ser Pro
43          50          55          60
46 Lys Leu Leu Ile Tyr Gly Ala Ser Asn Arg Tyr Thr Gly Val Pro Asp
47 65          70          75          80
50 Arg Phe Thr Gly Ser Gly Ser Ala Thr Asp Phe Thr Leu Thr Ile Ser
51          85          90          95
54 Ser Val Gln Ala Glu Asp Leu Ala Asp Tyr His Cys Gly Gln Gly Tyr
55          100         105         110
58 Ser Tyr Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg
59          115         120         125
62 <210> SEQ ID NO: 2
63 <211> LENGTH: 131
64 <212> TYPE: PRT
65 <213> ORGANISM: Mus musculus
67 <400> SEQUENCE: 2
69 Met Asp Phe Gln Val Gln Ile Phe Ser Phe Leu Leu Ile Ser Ala Ser
70 1          5          10          15
73 Val Ile Met Ser Arg Gly Gln Ile Val Leu Thr Gln Ser Pro Ala Ser
74          20          25          30
77 Met Ser Ala Ser Leu Gly Glu Arg Val Thr Met Thr Cys Thr Ala Ser

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/563,045

DATE: 08/04/2006

TIME: 13:01:23

Input Set : E:\INN-133-seq-list-replace.ST25.txt

Output Set: N:\CRF4\08042006\J563045.raw

```

78          35          40          45
81 Ser Ser Val Ser Ser Ser Tyr Leu Tyr Trp Tyr Gln Gln Lys Pro Gly
82          50          55          60
85 Ser Ser Pro Lys Leu Trp Ile Tyr Ser Thr Ser Asn Leu Ala Ser Gly
86 65          70          75          80
89 Val Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu
90          85          90          95
93 Thr Ile Ser Ser Met Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys His
94          100          105          110
97 Gln Tyr His Arg Ser Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu
98          115          120          125
101 Ile Lys Arg
102          130
105 <210> SEQ ID NO: 3
106 <211> LENGTH: 11
107 <212> TYPE: PRT
108 <213> ORGANISM: Mus musculus
110 <400> SEQUENCE: 3
112 Lys Ala Ser Glu Asn Val Val Thr Tyr Val Ser
113 1          5          10
116 <210> SEQ ID NO: 4
117 <211> LENGTH: 12
118 <212> TYPE: PRT
119 <213> ORGANISM: Mus musculus
121 <400> SEQUENCE: 4
123 Thr Ala Ser Ser Ser Val Ser Ser Ser Tyr Leu Tyr
124 1          5          10
127 <210> SEQ ID NO: 5
128 <211> LENGTH: 7
129 <212> TYPE: PRT
130 <213> ORGANISM: Mus musculus
132 <400> SEQUENCE: 5
134 Gly Ala Ser Asn Arg Tyr Thr
135 1          5
138 <210> SEQ ID NO: 6
139 <211> LENGTH: 7
140 <212> TYPE: PRT
141 <213> ORGANISM: Mus musculus
143 <400> SEQUENCE: 6
145 Ser Thr Ser Asn Leu Ala Ser
146 1          5
149 <210> SEQ ID NO: 7
150 <211> LENGTH: 9
151 <212> TYPE: PRT
152 <213> ORGANISM: Mus musculus
154 <400> SEQUENCE: 7
156 Gly Gln Gly Tyr Ser Tyr Pro Tyr Thr
157 1          5
160 <210> SEQ ID NO: 8

```

RAW SEQUENCE LISTING

DATE: 08/04/2006

PATENT APPLICATION: US/10/563,045

TIME: 13:01:23

Input Set : E:\INN-133-seq-list-replace.ST25.txt

Output Set: N:\CRF4\08042006\J563045.raw

```

161 <211> LENGTH: 9
162 <212> TYPE: PRT
163 <213> ORGANISM: Mus musculus
165 <400> SEQUENCE: 8
167 His Gln Tyr His Arg Ser Pro Pro Thr
168 1 5
171 <210> SEQ ID NO: 9
172 <211> LENGTH: 140
173 <212> TYPE: PRT
174 <213> ORGANISM: Mus musculus
176 <400> SEQUENCE: 9
178 Met Ala Val Leu Gly Leu Leu Phe Cys Leu Val Thr Phe Pro Ser Cys
179 1 5 10 15
182 Val Leu Ser Gln Val Gln Leu Glu Gln Ser Gly Pro Gly Leu Val Gln
183 20 25 30
186 Pro Ser Gln Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Phe
187 35 40 45
190 Thr Pro Tyr Gly Val His Trp Val Arg Gln Ser Pro Gly Lys Gly Leu
191 50 55 60
194 Glu Trp Leu Gly Val Ile Trp Ser Gly Gly Asn Thr Asp Tyr Asn Ala
195 65 70 75 80
198 Ala Phe Ile Ser Arg Leu Ser Ile Asn Lys Asp Asn Ser Lys Ser Gln
199 85 90 95
202 Val Phe Phe Lys Met Asn Ser Leu Gln Val Asn Asp Thr Ala Ile Tyr
203 100 105 110
206 Tyr Cys Ala Arg Asn Pro Arg Pro Gly Asn Tyr Pro Tyr Gly Met Asp
207 115 120 125
210 Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
211 130 135 140
214 <210> SEQ ID NO: 10
215 <211> LENGTH: 10
216 <212> TYPE: PRT
217 <213> ORGANISM: Mus musculus
219 <400> SEQUENCE: 10
221 Gly Phe Ser Phe Thr Pro Tyr Gly Val His
222 1 5 10
225 <210> SEQ ID NO: 11
226 <211> LENGTH: 16
227 <212> TYPE: PRT
228 <213> ORGANISM: Mus musculus
230 <400> SEQUENCE: 11
232 Val Ile Trp Ser Gly Gly Asn Thr Asp Tyr Asn Ala Ala Phe Ile Ser
233 1 5 10 15
236 <210> SEQ ID NO: 12
237 <211> LENGTH: 13
238 <212> TYPE: PRT
239 <213> ORGANISM: Mus musculus
241 <400> SEQUENCE: 12
243 Asn Pro Arg Pro Gly Asn Tyr Pro Tyr Gly Met Asp Tyr

```

RAW SEQUENCE LISTING

DATE: 08/04/2006

PATENT APPLICATION: US/10/563,045

TIME: 13:01:23

Input Set : E:\INN-133-seq-list-replace.ST25.txt

Output Set: N:\CRF4\08042006\J563045.raw

```

244 1          5          10
247 <210> SEQ ID NO: 13
248 <211> LENGTH: 91
249 <212> TYPE: PRT
250 <213> ORGANISM: Mus musculus
252 <400> SEQUENCE: 13
254 Gln Phe Ile Ile Leu Ala Gly Asn Ile Val Leu Thr Gln Ser Pro Ser
255 1          5          10          15
258 Met Ser Ser Leu Gly Glu Arg Val Thr Leu Thr Cys Ala Ser Val Ser
259          20          25          30
262 Tyr Leu Trp Tyr Gln Gln Lys Pro Ser Pro Lys Leu Ile Tyr Ser Asn
263          35          40          45
266 Ser Gly Val Pro Arg Phe Ser Gly Ser Gly Ser Ala Thr Phe Ser Leu
267          50          55          60
270 Thr Ile Ser Ser Met Ala Glu Asp Ala Tyr His Cys Gln His Pro Thr
271 65          70          75          80
274 Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg
275          85          90
278 <210> SEQ ID NO: 14
279 <211> LENGTH: 6
280 <212> TYPE: PRT
281 <213> ORGANISM: Mus musculus
283 <400> SEQUENCE: 14
285 Ala Ser Val Ser Tyr Leu
286 1          5
289 <210> SEQ ID NO: 15
290 <211> LENGTH: 3
291 <212> TYPE: PRT
292 <213> ORGANISM: Mus musculus
294 <400> SEQUENCE: 15
296 Ser Asn Ser
297 1
300 <210> SEQ ID NO: 16
301 <211> LENGTH: 4
302 <212> TYPE: PRT
303 <213> ORGANISM: Mus musculus
305 <400> SEQUENCE: 16
307 Gln His Pro Thr
308 1
311 <210> SEQ ID NO: 17
312 <211> LENGTH: 42
313 <212> TYPE: DNA
314 <213> ORGANISM: Mus musculus
316 <400> SEQUENCE: 17
317 ggaattccag gaggaattta aaatgcatga gggagtccac ag
320 <210> SEQ ID NO: 18
321 <211> LENGTH: 26
322 <212> TYPE: DNA
323 <213> ORGANISM: Mus musculus

```

RAW SEQUENCE LISTING

DATE: 08/04/2006

PATENT APPLICATION: US/10/563,045

TIME: 13:01:23

Input Set : E:\INN-133-seq-list-replace.ST25.txt

Output Set: N:\CRF4\08042006\J563045.raw

325 <400> SEQUENCE: 18

326 cgggatccca ggtgtctggg gttacc

26

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/563,045

DATE: 08/04/2006

TIME: 13:01:24

Input Set : E:\INN-133-seq-list-replace.ST25.txt

Output Set: N:\CRF4\08042006\J563045.raw